

FIGURE 1

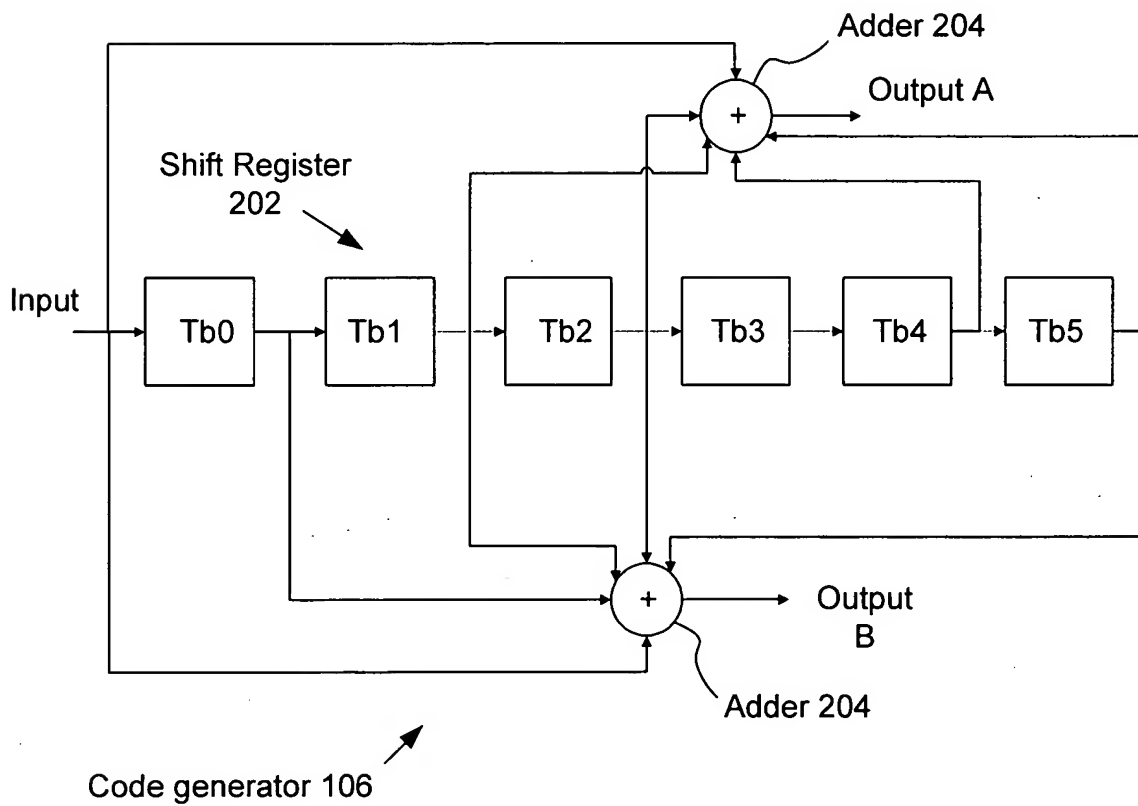


FIGURE 2
PRIOR ART

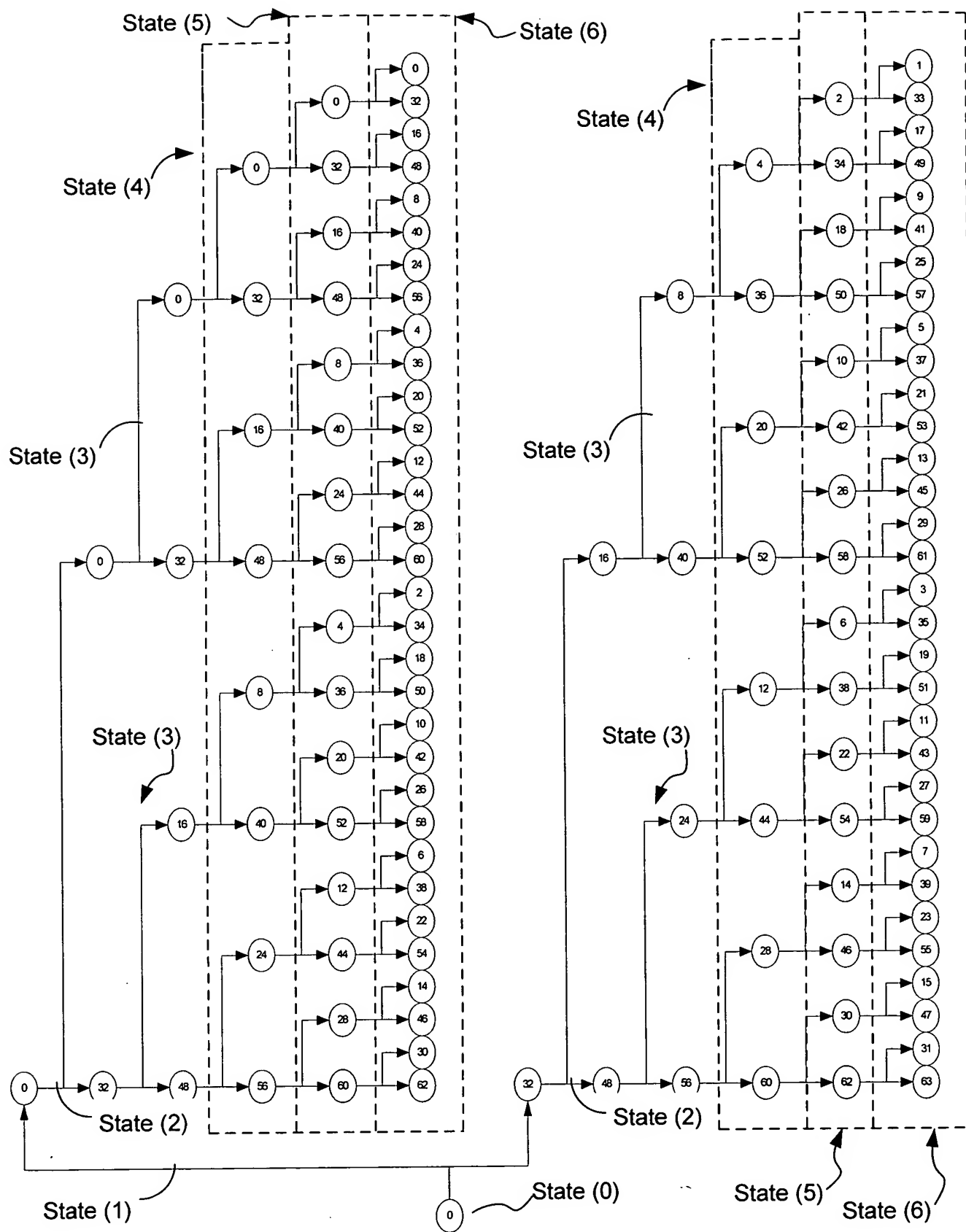


FIGURE 3

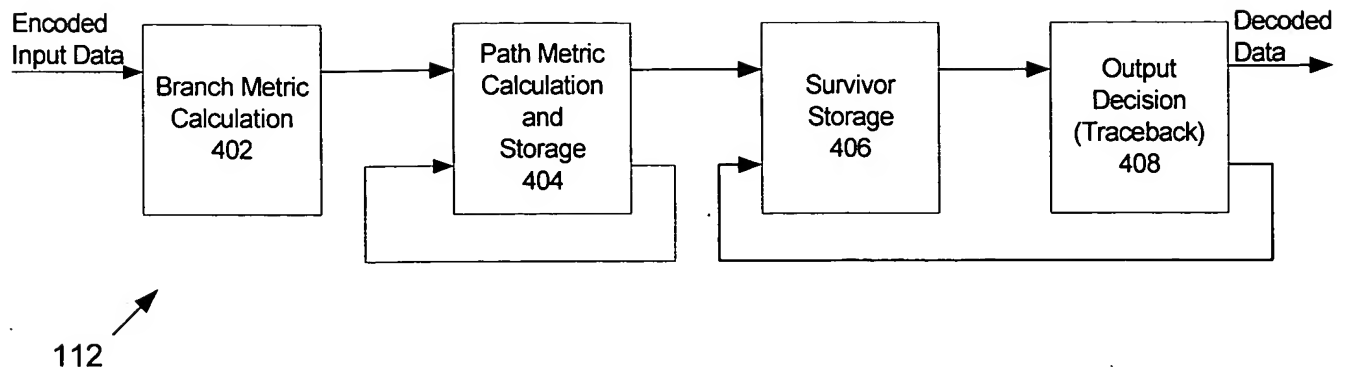


FIGURE 4

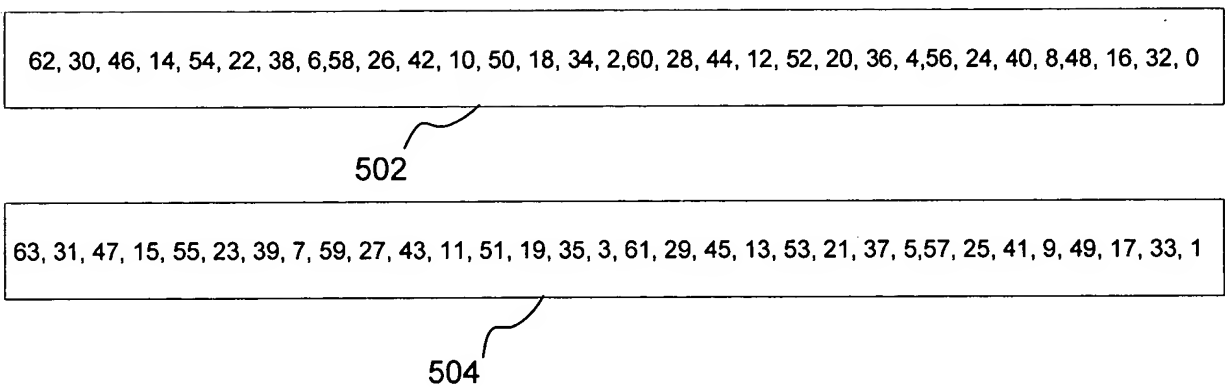


FIGURE 5

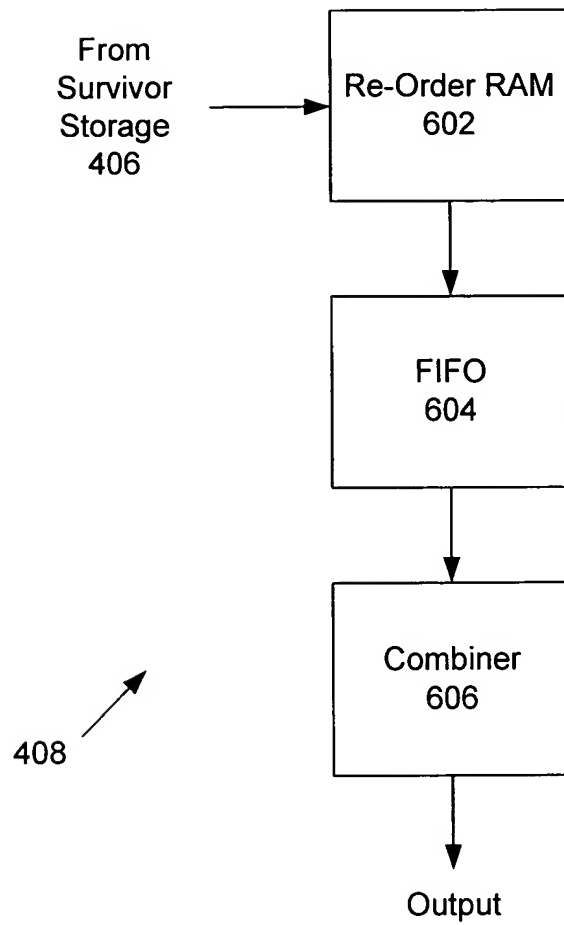


FIGURE 6A

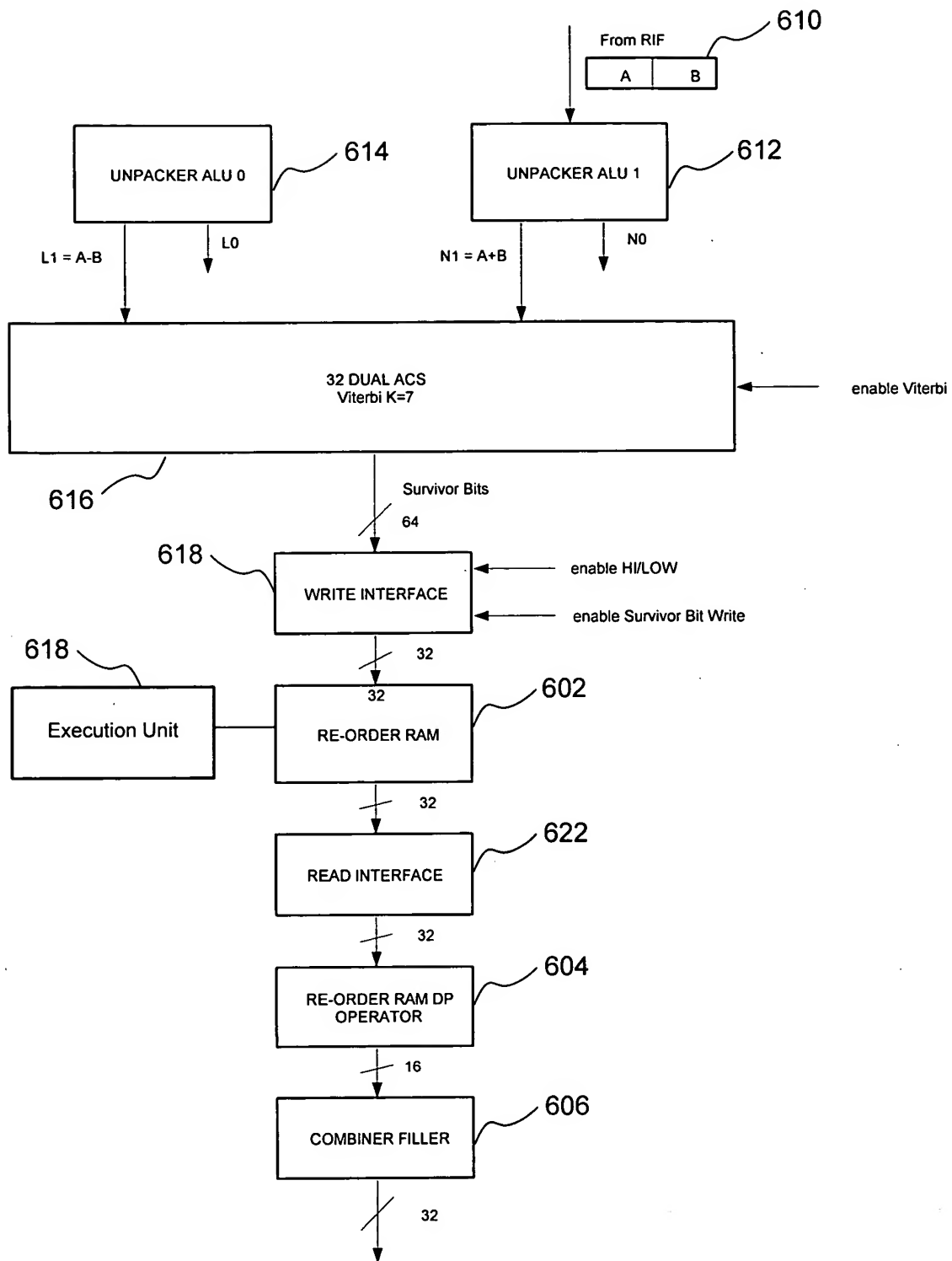


FIGURE 6B

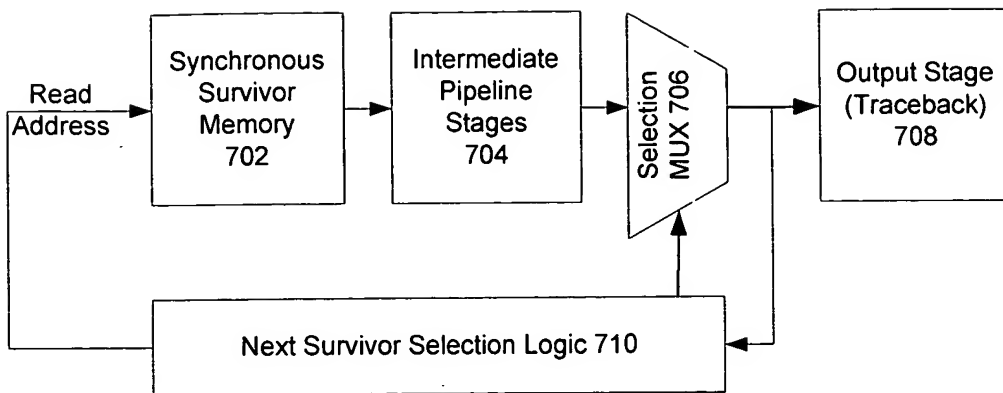


FIGURE 7

K = 7 Memory Organization

Bit#	Word0	Word1	Bit#	Word0	Word1
0	0	16	16	32	48
1	1	17	17	33	49
2	2	18	18	34	50
3	3	19	19	35	51
4	4	20	20	36	52
5	5	21	21	37	53
6	6	22	22	38	54
7	7	23	23	39	55
8	8	24	24	40	56
9	9	25	25	41	57
10	10	26	26	42	58
11	11	27	27	43	59
12	12	28	28	44	60
13	13	29	29	45	61
14	14	30	30	46	62
15	15	31	31	47	63

FIGURE 8

K = 7 Memory Organization

Bit#	Word0	Word1
0	0	1
1	32	33
2	16	17
3	48	49
4	8	9
5	40	41
6	24	25
7	56	57
8	4	5
9	36	37
10	20	21
11	52	53
12	12	13
13	44	45
14	28	29
15	60	61
16	2	3
17	34	35
18	18	19
19	50	51
20	10	11
21	42	43
22	26	27
23	58	59
24	6	7
25	38	39
26	22	23
27	54	55
28	14	15
29	46	47
30	30	31
31	62	63

FIGURE 9

K = 9 Memory Organization

Bit#	W0	W1	W2	W3	W4	W5	W6	W7
0	0	4	2	6	1	5	3	7
1	128	132	130	134	129	133	131	135
2	64	68	66	70	65	69	67	71
3	192	196	194	198	193	197	195	199
4	32	36	34	38	33	37	35	39
5	160	164	162	166	161	165	163	167
6	96	100	98	102	97	101	99	103
7	224	228	226	230	225	229	227	231
8	16	20	18	22	17	21	19	23
9	144	148	146	150	145	149	147	151
10	80	84	82	86	81	85	83	87
11	208	212	210	214	209	213	211	215
12	48	52	50	54	49	53	51	55
13	176	180	178	182	177	181	179	183
14	112	116	114	118	113	117	115	119
15	240	244	242	246	241	245	243	247
16	8	12	10	14	9	13	11	15
17	136	140	138	142	137	141	139	143
18	72	76	74	78	73	77	75	79
19	200	204	202	206	201	205	203	207
20	40	44	42	46	41	45	43	47
21	168	172	170	174	169	173	171	175
22	104	108	106	110	105	109	107	111
23	232	236	234	238	233	237	235	239
24	24	28	26	30	25	29	27	31
25	152	156	154	158	153	157	155	159
26	88	92	90	94	89	93	91	95
27	216	220	218	222	217	221	219	223
28	56	60	58	62	57	61	59	63
29	184	188	186	190	185	189	187	191
30	120	124	122	126	121	125	123	127
31	248	252	250	254	249	253	251	255

FIGURE 10